

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4596	((137/625.11,625) or (425/564,543,544,549,Dig.224, Dig.228,511)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 13:40
L2	0	1/695949	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 13:41
L3	0	1/6959409	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 13:41
L4	1	10/695949	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 13:41
L6	2	("5665301" "5939013").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 13:44
L7	2	(soft adj tool near5 sheet).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 13:47
L8	683	(425/564).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 13:57
L9	2	(soft adj tool and injection adj head).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 14:03
L10	2	(base adj mold and injection adj head).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 14:03
L11	14	(sealing adj engagement and injection adj head).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 14:03
L12	5	(spindle and injection adj head).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 14:05

L13	10	(spindle and actuator and deployed adj position).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 14:06
L14	3	(spindle and actuator and ejection adj position).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 14:06
L15	4	(deployed adj position and ejection adj position).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 14:07
L16	2	(injection adj head and spindle and port).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 14:07
L17	2	(injection adj port and supply adj port and purge adj port).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 14:08
S1	24410	(solenoid\$2 pneumatic\$8 hydraulic \$8) same actuat\$6 and spindle\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:34
S2	318	(solenoid\$2 pneumatic\$8 hydraulic \$8) same actuat\$6 and spindle\$2 and (purge purging purged)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:06
S3	1	10/695949	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 10:44
S4	1215	spindle\$2 same (teflon ptfe polytetrafluoroethylene tetrafluoroethylene)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:05
S5	803749	(solenoid\$2 pneumatic\$8 hydraulic \$8)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 10:52
S6	334	S4 and S5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 10:52
S7	16	("1886159" "2160536" "2720219" "3084903" "3188049" "3290002" "3318577" "3356335").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:03

S8	2729	cylinder adj valve\$2 and inject\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:04
S9	1103	cylinder adj valve\$2 same inject \$8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:04
S10	187	S9 and solenoid\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:08
S11	54783	inject\$5 near5 valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:08
S12	52063	S11 not (combustion and automobile)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:09
S13	24972	S11 not combustion	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:09
S14	23961	S13 not automobile\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:10
S15	129	S14 and transfer adj (mold\$4 mould\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:19
S16	98	valve\$2 with transfer adj (mold\$4 mould\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:24
S17	21417	valve\$2 and (supply inlet) same (purge purging purged)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:25
S18	15119	valve\$2 same (supply inlet) same (purge purging purged)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:33
S19	8564	valve\$2 with chamber and (supply inlet) same (purge purging purged)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:25
S20	6633	valve\$2 with chamber and (supply inlet) same (purge purging purged) same valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:29

S21	210924	("137").clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:29
S22	4061	S21 and spindle\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:29
S23	306	S21 and spindle\$2 and inject\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:30
S24	2706	S21 and (supply inlet) and (purge purging purged)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:33
S25	2072	S21 and (supply inlet) and (purge purging purged) and outlet	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:05
S26	803749	(solenoid\$2 pneumatic\$8 hydraulic \$8)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:34
S27	0	S25 and "L267"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:34
S28	1039	S25 and S26	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:34
S29	9	("3062496" "3532123" "3538952" "3589677" "3612479" "3747479").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 12:32
S30	9	("3538952").URPN.	USPAT	OR	OFF	2007/05/02 12:33
S31	11	("3062496" "3146795" "3532123" "3538952" "3589677" "3612479" "3747479").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 12:34
S32	19	("3993099").URPN.	USPAT	OR	OFF	2007/05/02 12:35

S33	37	("0587099" "1596913" "2766771" "2988107" "3052263" "3090396" "3471021" "3504706" "3618633" "3643692" "3764103" "3863675" "3882883" "3911956" "3977433" "3993099" "4130133" "4191213" "4250920" "4355659" "4469119" "4469131" "4506697" "4632150" "5152321" "5275195" "5469888" "5816290" "5931196").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 12:35
S34	7	("1251489" "1891183" "3015337" "4355658").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 12:37
S35	8	("0645696" "2553458" "2703106" "3643692" "4111230").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 12:38
S36	3	("645696").URPN.	USPAT	OR	OFF	2007/05/02 12:53
S37	21	("0261224" "0645696" "0845119" "0865568" "1034882" "1245233" "2645451" "2952439" "3534772" "3542333" "4526200").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 12:56
S38	1	("1245233").URPN.	USPAT	OR	OFF	2007/05/02 12:58

S39	2	("261224").URPN.	USPAT	OR	OFF	2007/05/02 12:59
S40	32859	plug near3 valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:13
S41	1819	S40 and (teflon ptfе polytetrafluoroethylene tetrafluoroethylene)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:05
S42	320685	bypass purge purging purged	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:06
S43	363	S41 and S42	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:06
S44	1	("3501126").URPN.	USPAT	OR	OFF	2007/05/02 13:10
S45	3782	plug near3 valve\$2 and solenoid \$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:17
S46	1033	plug near3 valve\$2 and solenoid \$2 and inject\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:17
S47	424	plug near3 valve\$2 same inject\$6 and solenoid\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:22
S48	229	spindle with valve\$2 and inject\$6 and solenoid\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:23
S49	8	("2345402" "2579829" "2677417" "2743137").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:29
S50	16	("3669354").URPN.	USPAT	OR	OFF	2007/05/02 13:30

S51	79	"20020117482" "20020117483" "20020117484" "2784294" "2898441" "2923809" "3004189" "3042830" "3082314" "3131288" "3242305" "3450926" "3493717" "3534388" "3562486" "3609282" "3619549" "3641308" "3669354" "3787247" "3833787" "4203022" "4463245" "4558201" "4567346" "4580032" "4585921" "4590354" "4598191" "4650953" "4663512" "4663515" "4691094" "4701590" "4767908" "4777342" "4788408" "4791268" "4877937" "4902871" "4940877" "4973816" "4992642" "5023425" "5164569" "5216221" "5278388" "5409164" "5416296" "5597497" "5681489" "5726412" "5796067" "5856647" "5859403" "5886315" "5893985" "5897795" "5938949" "5965040" "5994663" "6084199" "6207923" "6362450"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:30
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		"6403915" "6677551" "6685562").PN.				
S52	9	("1589245" "2052560" "3212715" "3241768" "3669354").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:32
S53	3681	valve adj stem\$2 and inject\$7 and (return purge purging purged)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:41
S54	240	valve adj stem\$2 and inject\$7 same (polymer\$4 resin\$2) and (return purge purging purged)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:41
S55	5	("3550625").URPN.	USPAT	OR	OFF	2007/05/02 13:44
S56	7	("2175652" "2579004" "3587970" "3685533").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 13:47
S57	5	("3985300").URPN.	USPAT	OR	OFF	2007/05/02 13:47
S58	7763	spher\$5 and injector\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 09:57
S59	1705	spher\$5 same injector\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 09:57
S60	572	spher\$5 with injector\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 09:57
S61	470	spherical with injector\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 09:59
S62	3220	spherical with (seal\$3 seat\$4) and injection	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:00
S63	31	spherical with (seal\$3 seat\$4) same spindle\$2 and injection	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:01

S64	2681	spindle with (sphere spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:03
S65	21	spindle with (sphere spherical) and inject\$6 with resin	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:04
S66	1153	inject\$5 same (sphere spherical) and inject\$6 with resin	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:04
S67	449	inject\$5 with (sphere spherical) and inject\$6 with resin	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:04
S68	12	("3199740" "3650004" "3877610" "3980209" "4065034" "4317529" "4457457" "4548341" "4552287" "4571811" "4592721").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:08
S69	21719	injection adj (mould\$4 mold\$4) and (sphere spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:09
S70	1010	injection adj (mould\$4 mold\$4) and (sphere spherical) same screw \$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:10
S71	544	injection adj (mould\$4 mold\$4) and (sphere spherical) same nozzle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:44
S72	12	(teflon ptfte tetrafluoroethylene polytetrafluoroethylene) with sleeve with ram	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:16
S73	31	(teflon ptfte tetrafluoroethylene polytetrafluoroethylene) same sleeve with ram	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:19

S74	19	S73 not S72	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:17
S75	399	(teflon ptfe tetrafluoroethylene polytetrafluoroethylene) with ram	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:19
S76	16	"2042078" "2817562" "2846943" "3040712" "3072413" "3181560" "3398652" "3547008").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:26
S77	82	low adj friction with ram	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 10:41
S78	42	"0063952"	DERWENT	OR	ON	2007/05/10 10:41
S79	12	"63952"	DERWENT	OR	ON	2007/05/10 10:41
S80	384	injection adj (mould\$4 mold\$4) and (ball sphere spherical) with spindle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:46
S81	2007	injection adj (mould\$4 mold\$4) and (ball sphere spherical) with screw	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:46
S82	2422	injection adj (mould\$4 mold\$4) and (ball sphere spherical) with seal\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:57
S83	212	(425/Dig.224,Dig.228).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:58
S84	0	(425/Dig224,Dig228).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 10:58
S85	1737	(425/543,544,549).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 11:11

S86	259	S85 and (round ball sphere spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 11:23
S87	1478	S85 not S86	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 12:20
S88	624	(425/564).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 11:24
S89	642	solenoid same injection adj (mold \$4 mould\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 12:26
S90	65	solenoid same injection adj (mold \$4 mould\$4) same ram	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 12:30
S91	81	solenoid same injection adj (mold \$4 mould\$4) same screw	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 12:27
S92	112	solenoid same injection adj (mold \$4 mould\$4) and solenoid\$2 with actuator\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 12:30
S93	1	10/695949	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 13:38
S94	898	locking near 4 groove\$2 with valve	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 14:51
S95	269	locking adj groove\$2 with valve	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 14:55
S96	259	locking adj groove\$2 and coupling \$2 with valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 14:58
S97	14	locking adj groove\$2 with thread \$2 and coupling\$2 with valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 14:56
S98	172	locking adj groove\$2 and thread \$4 and coupling\$2 with valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 14:59

S99	3913	thermocouple and thread\$5 and flange\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 15:00
S100	997	thermocouple and thread\$5 with flange\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 15:00
S101	238	thermocouple same thread\$5 with flange\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 15:25
S102	7	("4902215" "4942013" "5152949" "5665301" "5770243" "5939013" "6090335").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 15:25
S103	185	(425/511).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 16:07
S104	20691	(inject\$6 adj valve\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:28
S105	3905	(inject\$6 adj valve\$2) and needle	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:29
S106	1	("3015227").URPN.	USPAT	OR	OFF	2008/05/11 16:33
S107	14	("1505850" "2370182" "2548957" "2631001" "2730382" "2841005" "2846121").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:34
S108	1	("3015227").URPN.	USPAT	OR	OFF	2008/05/11 16:35
S109	12584	piston and bypass\$5 with valve\$2	USPAT	OR	OFF	2008/05/11 16:35
S110	4	("3820558").URPN.	USPAT	OR	OFF	2008/05/11 16:38

S111	9	("3062496" "3532123" "3538952" "3589677" "3612479" "3747479").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:43
S112	16	("0607492" "2213680" "2726104" "2839265" "2889134" "3037521" "3211418" "3314372").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:44
S113	5	("3037521").URPN.	USPAT	OR	OFF	2008/05/11 16:44
S114	16	("0607492" "2213680" "2726104" "2839265" "2889134" "3037521" "3211418" "3314372").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:45
S115	34	("0916629" "0921981" "0930386" "1068927" "1326938" "1336026" "1362986" "1462834" "1705404" "1720346" "1773110" "1958988" "2109801" "2525989" "2817545" "3037521" "3284089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:45
S116	2	("1362986").URPN.	USPAT	OR	OFF	2008/05/11 16:46
S117	2	("921981").URPN.	USPAT	OR	OFF	2008/05/11 16:46

S118	34	("0916629" "0921981" "0930386" "1068927" "1326938" "1336026" "1362986" "1462834" "1705404" "1720346" "1773110" "1958988" "2109801" "2525989" "2817545" "3037521" "3284089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:46
S119	4	("4456221").URPN.	USPAT	OR	OFF	2008/05/11 16:46
S120	9	("2213680").URPN.	USPAT	OR	OFF	2008/05/11 16:47
S121	78	("0724675" "1899978" "20030038214" "20030097658" "20030136874" "20040129865" "20050055143" "20060000949" "20060011782" "20060038076" "2213680" "2360733" "2453553" "2475635" "2552991" "2668066" "3836117" "3928903" "4044834" "4072283" "4119294" "4149739" "4150803" "4471809" "4477040" "4665936" "4784174" "4883102" "4929000" "5131438" "5141178" "5255877" "5393015" "5427333"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:48

		"5449203" "5449204" "5530650" "5539624" "5564753" "5573206" "5785276" "5810292" "5904729" "5906336" "5921294" "5996939" "6076555" "6119981" "6145788" "6302448" "6305336" "6324295" "6326873" "6375123" "6428054" "6454212" "6464173" "6467725" "6588465" "6598830" "6601800" "6604711" "6651933" "6669145" "6676379" "6752357" "6796527" "6819982" "6832743" "6848720").PN.				
S122	9	("3524474" "4298181" "4581624" "4669660" "5148833" "5161774" "5209453" "5238223").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:49
S123	16	("4298181").URPN.	USPAT	OR	OFF	2008/05/11 16:49
S124	16	("4298181").URPN.	USPAT	OR	OFF	2008/05/11 16:50
S125	13	("2887294" "2928409" "3152612" "3524474" "3583443" "3618636" "3712339" "3804120" "4195811").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:50

S126	8	("2635637" "2928409" "3152612" "3360664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:52
S127	17	("3524474").URPN.	USPAT	OR	OFF	2008/05/11 16:52
S128	12896	spindle with valve	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:54
S129	486	spindle with valve same bypass\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:54
S130	15038	(spindle plunger piston) with valve same bypass\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 16:58
S131	3	("2891517").URPN.	USPAT	OR	OFF	2008/05/11 17:03
S132	16	("2391930" "2707021" "2891517" "3424057" "3625007" "3693506" "3744517" "3771558" "3815477" "3905383" "3979908").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:03
S133	7	("2799995" "2892311" "3391537" "3916932").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:04
S134	3069	(spool) with valve same bypass\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:06
S135	613	(spool) with valve with land\$2 same bypass\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:06
S136	12	("2769458" "3309939" "3385312" "3446098" "3692432" "3951575" "4514147" "4609330").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:09

S137	718	(spool) with land\$2 same valve\$2 same bypass\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:20
S138	437	S137 not transmission	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:20
S139	1946	(spool) with sliding with valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:30
S140	463	(spool) with sliding with valve\$2 and (outlet port) near3 end	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:31
S141	4	("2140735" "1245233").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:37
S142	241	(spool) with sliding with valve\$2 same solenoid\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:48
S143	6	("2379483" "2656144" "2711757").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 17:49
S144	4	("2656144").URPN.	USPAT	OR	OFF	2008/05/11 17:51
S145	1152	(spool) near3 plug\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 18:00
S146	257	(spool) near3 plug\$5 near3 end	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 18:00
S147	179	(spool) near3 plug\$5 near3 end same valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 18:00
S148	5	("3415123").URPN.	USPAT	OR	OFF	2008/05/11 18:03
S149	12	("0879029" "2111991" "2310636" "3181561" "3200830" "3431028").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 18:05

S150	22923	piston adj valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 18:20
S151	1271	piston adj valve\$2 same bypass\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 18:21
S152	183	piston adj valve\$2 same bypass\$2 same plug\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 18:23
S153	322	needle adj valve\$2 same bypass \$2 same plug\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/11 18:25
S154	3	("645696").URPN.	USPAT	OR	OFF	2008/05/12 08:21
S155	8	("0645696" "2553458" "2703106" "3643692" "4111230").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:21
S156	2	("3415284").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:21
S157	5	("3415284").URPN.	USPAT	OR	OFF	2008/05/12 08:22
S158	19	("0172492" "1125825" "2658523" "2913005" "3244193" "3415284" "3500865" "3706325" "3762443" "4023466" "4161136" "4630645").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:22

S159	32	("1455211" "2185016" "2265800" "2276895" "2340489" "2708091" "3155365" "3298389" "3426799" "3499286" "3524386" "3608435" "3638530" "3739690" "3767339" "3776101" "3779680" "3791408" "3794292" "3876736").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:23
S160	16	("3426799").URPN.	USPAT	OR	OFF	2008/05/12 08:25
S161	4	("3091255" "3415284").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:26
S162	11	("3646969").URPN.	USPAT	OR	OFF	2008/05/12 08:26
S163	2	("2703106").URPN.	USPAT	OR	OFF	2008/05/12 08:28
S164	11	("0610134" "2703106" "3388720" "3937253" "4234015" "4319607" "4466457" "6041819").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:29
S165	7	("0948725" "3052444" "3415282" "3625246").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:31
S166	3	("4234015").URPN.	USPAT	OR	OFF	2008/05/12 08:32
S167	15	("1232618" "1382640" "1815474" "3352333" "3460577" "3487435" "3542065" "3812883").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:33

S168	5	("3937253").URPN.	USPAT	OR	OFF	2008/05/12 08:35
S169	4	("3388720").URPN.	USPAT	OR	OFF	2008/05/12 08:36
S170	22753	three adj way adj valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:38
S171	9775	three adj way adj valve\$2 and seal \$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:39
S172	4294	three adj way adj valve\$2 and seal \$2 and piston\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:39
S173	656	three adj way adj valve\$2 and seal \$2 and piston\$2 and bypass	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:39
S174	7	("0948725" "3052444" "3415282" "3625246").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:51
S175	3	("4234015").URPN.	USPAT	OR	OFF	2008/05/12 08:54
S176	13	("2538111" "3216627" "3283957" "3565287" "3863810" "4095628" "4234015" "4354527" "4547134" "4619378").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:55
S177	1904	(137/625,625.11).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:56
S178	1244	(137/625.11).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:56
S179	680	(137/625).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:56

S180	20	S177 and land\$2 and spool\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:58
S181	309	S177 and piston\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 08:59
S182	0	("1405310").URPN.	USPAT	OR	OFF	2008/05/12 09:00
S183	3	("2695036").URPN.	USPAT	OR	OFF	2008/05/12 09:03
S184	17	"4957424"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 10:17
S185	7	"3985300"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 10:40
S186	306	piston same transfer adj (mold\$4 mould\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 11:25
S187	566	plunger same transfer adj (mold \$4 mould\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 11:25
S188	3	three adj way adj valve\$2 same transfer adj (mold\$4 mould\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 11:43
S189	4	("3985300" "1245233" "5665301").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 11:51
S190	805	S186 S187	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 12:01
S191	5	S190 and vacuum near3 bag\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 12:01
S192	1	10/695949	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 12:24
S193	2608	(425/564,543,544,549,Dig.224, Dig.228,511).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 12:40

1/31/2009 2:08:19 PM

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